

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S27 | 133 | (438/477).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/09/05 11:56 |
| S28 | 388 | (remov\$3 near2 impurit \$3) near5 (insulat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:34 |
| S29 | 248 | S28 and (reduc\$3 or oxiziz\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:05 |
| S30 | 217 | (remov\$3 near2 impurit \$3) near5 (dielectric) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:05 |
| S31 | 151 | S30 and (reduc\$3 or oxiziz\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:07 |
| S32 | 2 | S30 and ((reduc\$3 or oxiziz\$5) adj gas) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:09 |
| S33 | 7 | S30 and ((reduc\$3 or oxiziz\$5) adj (gas or atmosphere)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:34 |
| S34 | 676 | (257/E21.639).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/09/05 12:34 |

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| S35 | 34 | S34 and (remov\$3 near2 impurit\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 16:24 |
| S36 | 835 | (257/e21.625).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/09/05 12:37 |
| S37 | 33 | S36 and (remov\$3 near2 impurit\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:38 |
| S38 | 29 | S37 not S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 12:38 |
| S39 | 179097 | (form\$3 or formation or deposit\$4) with (dielectric or insulat\$3) same (repeat\$3 or plurality) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 14:39 |
| S40 | 61704 | ((("0.3" "0.4" "0.5" "0.6" "0.7" "0.8" "0.9" "1.0" S27 "1.1" "1.2" "1.3" "1.4" "1.5" "1.6" "1.7" "1.8" "1.9" "2.0" S28) adj (nm or nanometer)) or ((("3" "4" "5" "6" "7" "8" "9" "10" "11" "12" "13" "14" "15" "16" "17" "18" "19" "20") adj (angstrom or ".ang." or ".angstrom.")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 14:44 |
| S41 | 175 | S39 same S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 14:44 |
| S42 | 155 | (remov\$3 near2 impurit \$3) with reduc\$3 with oxidiz\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 16:02 |

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| S43 | 26 | ((remov\$3 near2 impurit\$3) with reduc\$3 with oxidiz\$3).bsum. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 16:08 |
| S44 | 129 | S42 not S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 16:08 |
| S45 | 0 | (remov\$3 near2 impurit\$3) with atmosphere with hydrogen with (oxygen nitrogen adj monoxide nitrous adj oxide ozone plasma adj oxygen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 16:26 |
| S46 | 527 | (remov\$3 near2 impurit\$3) with (hydrogen or "h.sub.2") with (oxygen nitrogen adj monoxide nitrous adj oxide ozone plasma adj oxygen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 16:27 |
| S47 | 283372 | ((("438") or ("257")).CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/09/05 16:27 |
| S48 | 76 | S46 and S47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/05 16:28 |
| S50 | 528 | contact with gate with (insulat\$3 or dielectric) with selective | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/06 09:49 |
| S52 | 1752 | (438/778).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/21 16:41 |
| S53 | 73 | S52 and (remov\$3 near3 impurity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/21 16:42 |
| S54 | 990 | (438/785).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/21 17:17 |

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| S55 | 77 | S54 and (remov\$3 near3 impurity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/21 17:18 |
| S56 | 59 | S55 not S53 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/21 17:21 |
| S57 | 992 | (438/785).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/22 14:30 |
| S58 | 42 | S57 and (repeat\$3 near4 (multiple or plurality)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/22 14:30 |
| S59 | 27 | S58 and anneal\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/22 14:31 |
| S60 | 2 | "6420279".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/22 14:39 |
| S61 | 2 | "6348386".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/22 14:40 |
| S62 | 2 | "20050106798".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/22 14:58 |
| S63 | 2 | "6849505".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/04/22 14:59 |

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| S64 | 25 | (high and dielectric and ((atomic adj layer) or ald)).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/04/22 15:10 |
| S65 | 10 | S64 and anneal\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/04/22 15:10 |
| S66 | 1 | 10/550805 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/04/22 15:22 |
| S67 | 906 | (427/380).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/06 10:45 |
| S68 | 0 | S67 and (aluminum adj oxide) and (tma or tdmah) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 10:46 |
| S69 | 90 | ((hafnium near aluminum near oxide) or hfalo or alhfo) and (tma or (trimethyl adj aluminum) or tdmah or (tetrakis adj dimethylamino adj hafnium)) and (heat\$3 or anneal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 10:51 |
| S70 | 2 | "20010035241".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 10:56 |
| S71 | 6 | ((hafnium near aluminum near oxide) or hfalo or alhfo) with mocvd | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:07 |
| S72 | 115 | ((aluminum near oxide) or hfalo or alhfo) with mocvd | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:07 |

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| S73 | 34 | S72 and carbon | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:08 |
| S74 | 150 | (438/477).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/06 11:14 |
| S75 | 3455 | ((aluminum near oxide) or "al.sub.2o.sub.3") and (tma or (trimethyl adj aluminum)) and (heat\$3 or anneal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:21 |
| S76 | 3311 | ((aluminum adj oxide) or "al.sub.2o.sub.3") and (tma or (trimethyl adj aluminum)) and (heat\$3 or anneal\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:21 |
| S77 | 728 | S76 and (ald or (atomic adj layer adj deposition)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:22 |
| S78 | 0 | S77 and ((heat\$3 or anneal\$3) near5 ("after each" or "between each")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:23 |
| S79 | 0 | S77 and ((heat\$3 or anneal\$3) with ("after each" or "between each")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:23 |
| S80 | 0 | S77 and ((heat\$3 or anneal\$3) with (after adj each)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:23 |
| S81 | 0 | S77 and ((heat\$3 or anneal\$3) with (after adj each)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:23 |

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| S82 | 38 | S77 and ((heat\$3 or anneal\$3) near5 cycle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/06 11:24 |
| S83 | 3 | ("6228781" "20020076946" "20030003635").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2010/08/17 16:34 |

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